Modified Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number	TBD	
Filing Date	HEREWITH	Θľ
First Named Inventor	Roubenoff et al.	6.3
Group Art Unit	Not yet assigned	7.5
Examiner Name	Not yet assigned	· ·
Attorney Docket Number	21629-004	

				U.S. PATENT DOCUMENTS		773 Y	
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
(3)	AA	5,124,452	6/23/92	Gennari	544	258	
6)	AB	5,538,734	6/23/96	Le Grazie	424	436	
4	AC	5,556,644	9/17/96	Chandra	424	630	
4	AD	5,997,915	12/7/99	Bailey et al.	426	72	
	AE	6,008,221	12/28/99	Smith et al.	514	254	10/28/97
(3)	AF	6,127,370	10/3/00	Smith et al.	514	252	11/8/99
				FOREIGN PATENT DOCUMENTS			
Exam Initials	Cite No.	Foreign Patent D Office Number	ocument	Name of Patentee(s) or Applicant(s)		ublication	Translation Yes No

	-	OTHER NON PATENT LITERATURE DOCUMENTS
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
E)	CA	Baldessarini, Ross J. Neuropharmacology of S-Adenosyl-L-Methionine, <i>The American Journal of Medicine</i> , 1987, 83(Supp5A): 95-103
()	СВ	Barcelo et al. Effect of S-Adenosylmethioinine on Experimental Osteoarthritis in Rabbits, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):55-59
Q	СС	Bassleer et al. Proteoglycans Synthesized by Huan Chondrocytes Cultivated in Clusters, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):25-28
(z)	CD	Berger et al. A new medical approach to the Treatment of Osteoarthritis, Report of an Open Phase IV Study with Ademetionine, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):84-88
9	CE	Bradley et al. A Randomized, Double Blind, Placebo Controlled Trial of Intravenous Loading with S-Adenosylmethionine (SAM) Fololowed by Oral SAM Therapy in Patients with Knee Osteoarthritis, <i>The Journal of Rheumatology</i> , 1994 21(5): 905-911
	CF	Brandt, Kenneth D. Effects of Nonsteroidal Anti-Inflammatory Drugs on Chondrocyte metabolism in Vitro and in Vivo, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):29-34
	CG	Carney et al. S-Adenosylmethionine and Affective Disorder, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):104-106
	СН	Caruso et al. Italian Double-Blind Multicenter Study Comparing S=Adenosylethionine, Naproxen, and Placebo in the Treatmetn of Degenerative Joint Disease, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):66-71
(4)	CI	Cybulski, et al. Uptake of oxidized folates by rat liver mitochondria, Biochim Biophys Acta 1981 656(2):329-33
()	CJ	Di Padova, Carlo, S-Adenosylmehtiionine in the Treatment of Osteoarthritis, Review of the Clinical Studies, The American Journal of Medicine, 1987, 83(Suppl 5A): 60-65
()	СК	Fassbender, Hans G, . Role of Chondrocytes in the Development of Osteoarthritis, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A): 17-24
6)	CL	Felson et al. An update on the epidemiology of knee and hip osteoarthritis with a view to prevetion. Arthr Rheum 1998, 41:1343-1455
	СМ	Flynn et al. The Effect of Folate and Cobalamin on Osteoartitic Hands, Journal of the American Colege of Nutrition 1994, 13(4):351-356
R	CN	Gutierrez, et al. SAMe Restores the Changes in the Proliferation and in the Synthesis of Fibronectin and Proteoglycans Induced by Tumour Necrosis Factor Alpha on Cultured Rabbit Synovial Cells, British Journal of Rheumatology 1997, 37:27-31

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.					
4)	со	Harmand, et al. Effects of S-Adenosylmethionine on Human Articluar Chrondrocyte Differentiation, An in Vitro Study, The American Journal of Medicine, 11987, 83(Suppl 5A):48-54					
(2)	СР	J. of Food Science 1983 48:581-587, 599					
72	CQ	Kleiber M., Body size and metabolism, Higardia, 1932, 6:315-353					
61	CR	König, Benno, A Long-Term (Two Years) Clinical Trial with S-Adenosylmethionine for the Treatment of Osteoarthritis, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A)89-94					
(2)	CS	Larence et al. Estimates of the prevalence of selcted arthritic and musculoskeletal diseases in the United States. J. Rheumatol 1989, 16:427-41					
(3)	СТ	Laudanno, Oscar M., Cytoprotective Effect of S-Adenosylmethionine Compared with That of Misoprostol against Ethanol-, Aspirin-, and Stress-Induced Gastric Damage, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):43-47					
6	CU	Maccagno et al. Double-Blind Controlled Clinical Trial of Oral S-Adenosylmethionine versus Piroxicam in Knee Osteoarthritis, The American Journal of Medicine, 1987 83(Suppl 5A):72-77					
(6)	CV	McAlindon et al., Do antioxidant micronutrients protect against the development and progression of knee osteoarthritis?, Arthritis Rheuml 1986 39(4):648-56					
(4)	CW	Moskowitz, Roland W. Primary Osteoarthritis: Epidemiology, Clinical Aspects and General Mangement <i>The American Journal of Medicine</i> , 1987 83(Suppl 5A):5-10					
6)	СХ	Müller-Fassbender, H. Double-Blind Clinical Trial of S-Adenosylmethionine versus Ibuprofen in the Treatment of Osteoarthritis, <i>The American Journal of Medicine</i> , 1987 83(Suppl 5A):81-83					
	CY	Sadasivan et al. Purification, properties, and immunological characterization of folate-binding proteins from human leukemia cells, <i>Biochim Biophys Acta</i> 1987 16; 925(1):36-47					
12	CZ	Schumacher, H. Ralph, Jr., Crystals, Inflammation, and Osteoarthritis, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):11-16					
U	CAA	Schumacher, H. Ralph, Jr., Osteoarthritis: The Clinical Picture, Pathogenesis, and Management with Studies on a New Therapeutic Agent, S-Adenosylmethionine, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):1-4					
(e)	СВВ	Stramentinoi, Giorgio, Pharmacological Aspects of S-Adenosylmethionine, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):35-42.					
	ccc	Tavoni et al., Evaluation of S-Adenosylmethionine in Primary Fibromyalgia, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):107-110.					
4	CDD	Vetter, Georg, Double-Blind Comparative Clinical rial with S-Adenosylmethionine and Idomethacin in the Treatment of Osteoarthritis, <i>The American Journal of Medicine</i> , 1987, 83;5A: 78-80					
<i>(b)</i>	CEE						
	<u> </u>						
Examine	r	But Date Considered 7-9-03					

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

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